



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

**D3969-3**

**Job Sheet 176488**



**Part No:** D3969-3

**Job Qty:** 20 ea

**Part Name:** Spring (Basket Lid)



**Part Weight:** 0 lbs

**Status:** Scheduled

**Priority:** Medium

**Job Created:** 4/25/18

**Job Tracking No:**

**Due Date:** 5/18/18

**Created By:** Michelle Gagnon-Donovan

**Type:** Stock

**Description:**

**Note:** DWG REV D IPP RevA: new issue DD 09.11.30 verified by:EC IPP Rev:B as per revC DD 10.03.16 verified by:EC

**Ship Via:**

### Bill of Materials

### Job Routing

| Op No | Operation  | Qty    | Start Date | Due Date | Standard  |         | Workcenter/Supplier   |           | Sign-off           |
|-------|------------|--------|------------|----------|-----------|---------|-----------------------|-----------|--------------------|
|       |            |        |            |          | Setup hrs | Run Hrs | Workcenter / Supplier | Lead Time |                    |
| 100   | Purchasing | 20 pcs |            | 5/18/18  | 0.00      | 0.00    | Purchasing            |           | 4/18/18/18         |
| 110   | Packaging  | 20 pcs |            | 5/18/18  | 0.00      | 0.00    | Packaging2            |           | 4/18/18/18         |
| 120   | QC         | 20 pcs |            | 5/18/18  | 0.00      | 0.00    | QC6                   |           | 1 MAY 10 2018      |
| 122   | Small Fab  | 20 pcs |            | 5/18/18  | 0.00      | 0.00    | Small Fab 5           |           | 9-89               |
| 124   | QC         | 20 pcs |            | 5/18/18  | 0.00      | 0.00    | QC5                   |           |                    |
| 130   | Packaging  | 20 pcs |            | 5/18/18  | 0.00      | 0.00    | Packaging3-2          |           | 5 MAY 1 4 2018     |
| 140   | QC21-SA    | 20 Ea  |            | 5/18/18  | 0.00      | 0.00    | QC21                  |           | 13 21 MAY 1 4 2018 |

Part Op 100 - Issue P/O: 039726 part#: SSA4/8-122-310-360N

Descriptions: 110 - \*\*\*Measure compression only at

120 - \*\*\*Measure compression only at

0039726 APR 27 2018 X 20 R L

### Job BOM

| Part / Item         | Component Name     | Quantity      | Operation      | Container |
|---------------------|--------------------|---------------|----------------|-----------|
| SSA4/8-122-310-360N | Gas Spring D3969-3 | 20 pcs (1 ea) | 100-Purchasing | 5069 014  |

### Job Allocations

| Operation      | Component Part      | Required | Inventory | Allocated |
|----------------|---------------------|----------|-----------|-----------|
| 100-Purchasing | SSA4/8-122-310-360N | 20       | 0         | 0         |

### Part Specifications

Specifications could not be found.

Plex 4/25/18 8:23 AM Dart.Gagnon.Michelle



Container No: **S069097**



Spring (Basket Lid)

PART NO: **D3969 - 3**

Serial No/Batch: **S069097**

Revision:

Operation:

Change No:

Packaging

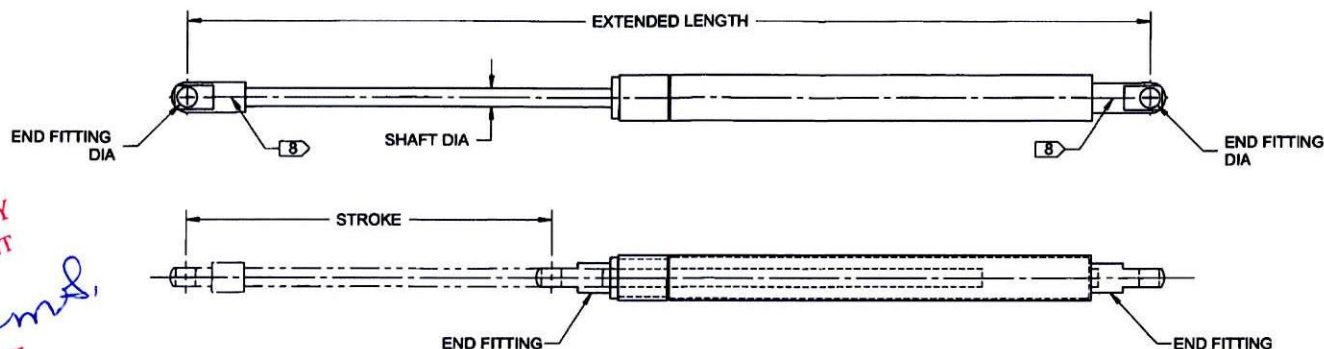
**Dart Aerospace Ltd.**

1270 Aberdeen Street  
Hawkesbury, ON K64 1K7  
CANADA  
TEL.: 1 613 632-5200  
Email: sales@dartaero.com  
www.dartaerospace.com

Mfg Date: 05/07/18

Job No: 176488

# SPECIFICATION CONTROL DRAWING



**D3969-X SPRING**

| DART PART NUMBER | STROKE (mm/in) | EXTENDED LENGTH (mm/in) | SHAFT DIA (mm/in) | FORCE (N/lbs) | END FITTING TYPE | END FITTING DIA (in) | CASING MATERIAL | PREFERRED SUPPLIER | SUPPLIER PART NUMBER | WEIGHT APPROX |
|------------------|----------------|-------------------------|-------------------|---------------|------------------|----------------------|-----------------|--------------------|----------------------|---------------|
| D3969-1          | 122/4.80       | 315/12.40               | 6/0.24            | 310/69.7      | BLADE            | 0.257                | STAINLESS STEEL | LS TECHNOLOGIES    | SSA4/6-122-315-310N  | 0.27 lbs      |
| D3969-3          | 122/4.80       | 315/12.40               | 6/0.31            | 360/80.9      | BLADE            | 0.257                | STAINLESS STEEL | LS TECHNOLOGIES    | SSA4/6-122-310-360N  | 0.32 lbs      |
| D3969-5          | 122/4.80       | 315/12.40               | 6/0.24            | 133/29.7      | BLADE            | 0.257                | STAINLESS STEEL | LS TECHNOLOGIES    | SSA4/6-122-315-133N  | 0.27 lbs      |
| D3969-7          | 122/4.80       | 315/12.40               | 6/0.24            | 222/50.0      | BLADE            | 0.257                | STAINLESS STEEL | LS TECHNOLOGIES    | SSA4/6-122-315-225N  | 0.27 lbs      |
| D3969-9          | 130/5.12       | 343/13.50               | 6/0.31            | 360/80.9      | BLADE            | 0.257                | STAINLESS STEEL | LS TECHNOLOGIES    | SSA4/6-130-343-360N  | 0.35 lbs      |

## NOTES:

- 1) MATERIAL: SEE CHART
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3969-X" AND B/N USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: SEE CHART
- 8) CRIMP END FITTING AT APPROXIMATE LOCATION SHOWN, PER MANUFACTURERS REQUIREMENTS

| D          | ADDED -7/-9                                                                                          | ML                                                                                                                                                                                                                                                             | 16.05.12     |
|------------|------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| C          | REDRAWN IN SW. ADDED -3 & -5; ADDED SHAFT DIA COLUMN TO CHART. FORCE FOR -1 CORRECTED (WAS 60.0 lbs) | JPH                                                                                                                                                                                                                                                            | 10.03.04     |
| B          | DRAWING RENAMED WAS: GAS SPRING (BASKET LID). NOTE 8 ADDED.                                          | AJS                                                                                                                                                                                                                                                            | 09.11.10     |
| A          | NEW ISSUE                                                                                            | AJS                                                                                                                                                                                                                                                            | 09.07.27     |
| REV.       | DESCRIPTION                                                                                          | BY                                                                                                                                                                                                                                                             | DATE         |
| DESIGN     | AS                                                                                                   | <b>DART AEROSPACE LTD</b><br>HAWKESBURY, ONTARIO, CANADA                                                                                                                                                                                                       |              |
| DRAWN      | ML                                                                                                   |                                                                                                                                                                                                                                                                |              |
| CHECKED    | AJS                                                                                                  | DRAWING NO.                                                                                                                                                                                                                                                    | REV. D       |
| MFG. APPR. | DD                                                                                                   | D3969                                                                                                                                                                                                                                                          | SHEET 1 OF 1 |
| APPROVED   | WM                                                                                                   | TITLE                                                                                                                                                                                                                                                          | SCALE        |
| DE APPR.   | DS                                                                                                   | BASKET LID SPRING                                                                                                                                                                                                                                              | NTS          |
| DATE       | 16.05.12                                                                                             | COPYRIGHT © 2008 BY DART AEROSPACE LTD<br>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE REPRODUCED OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD. |              |

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2016-05-19  
2016-581

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SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. 176488  
APR 25 2018





Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

# PURCHASE ORDER

## PO039726

**Supplier:** LST001-VC  
LS Technologies Inc.  
1634 Saskatchewan Ave.  
Saskatoon  
SK  
S7K 1P6 Canada  
Phone: 306 683 5000  
Fax: 306 683 6403

**PO No:** PO039726  
**PO Date:** 4/27/18  
**Due Date:** 5/7/18  
**Purchase Order Revision:**  
**Revision Date:**  
**Ship-To Contact:** Lussier, PatrickPhone:

**Ship To:** 1270 Aberdeen Street  
Hawkesbury  
ON  
K6A 1K7 Canada  
Phone: 613-632-5200

**Via:** Ground  
**Pynt Terms:** - Net 30  
**Freight Terms:**  
**Special Comments:**

**E-MAILED**  
**APR 27 2018**

### Items

| Line Item | Part                | Supplier Part No | Item No | Description                            | Status | Due Date | Order Quantity | Received Quantity | Balance | Unit Price (CAD)        | Extended Price |
|-----------|---------------------|------------------|---------|----------------------------------------|--------|----------|----------------|-------------------|---------|-------------------------|----------------|
| 1         | SSA4/8-122-310-360N |                  |         | Gas Spring D3969-3<br>As Per Dwg D3969 | Firmed | 5/7/18   | 20 pcs         | 0 pcs<br>20       | 20 pcs  | \$51.85/pcs<br>A1805/67 | \$1,037.00     |

**Line Item Note** W/O 176488

**Grand Total:** \$1,037.00

### Order Notes

Procurement Quality Clauses  
A005 RIGHT OF ENTRY  
A016 PERSONNEL QUALIFICATION  
A026 CERTIFICATION OF MATERIAL CONFORMANCE  
A032 PUBLIC LAW 101-592 FASTENER QUALITY ACT  
A033 STATEMENT OF CONFORMITY/TEST RECORDS FOR NAS, AN and MS FASTENERS  
A040 NOTIFICATION OF QUALITY ESCAPE  
A041 QUALITY MANAGEMENT SYSTEM  
A042 DART NOTIFICATION BY SUPPLIER  
A043 RETENTION OF QUALITY DOCUMENTS  
  
A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM  
  
A049 SUPPLIER AWARENESS

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

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9-89



LS Technologies Inc

1634 Saskatchewan Ave,  
Saskatoon, SK S7K 1P6  
Ph: (306) 683-5000 Fax: (306) 683-6403

MAY 10 2018

DAS  
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**Certificate of Compliance**

May 1, 2018

This is to certify that the parts listed below meets specifications as required by your order.

**20 Units: D3969-3 #176488 Stainless Steel Gas Spring**

**Country of Manufacture: Canada**  
**Date of Manufacture : April 2018**  
**This product is ROHS compliant.**

Purchase Order # **039726**  
Invoice # 18351

L S Technologies Inc Canada

A blue ink signature of Nolan Fehr, written over a horizontal line.

Nolan Fehr  
President